

Contents

*Previous 2 years programs
1978*

Foreword	
Vanhoutte, P.M.; Stoclet, J.C.	69
Prolegomenon	
Shepherd, J.T.	70
Peptidergic Vasodilator Nerves in the Peripheral Circulation and in the Vascular Beds of the Heart and Brain	
Owman, Ch.	73
Cholinergic Vasodilatation of Coronary Resistance Vessels in Dogs, Baboons and Goats	
Feigl, E.O.; Van Winkle, D.M.; Miyashiro, J.K.	94
Role of Vasopressin in Cardiovascular and Blood Pressure Regulation	
Abboud, F.M.; Floras, J.S.; Aylward, P.E.; Guo, G.B.; Gupta, B.N.; Schmid, P.G.	106
Mechanisms Involved in Serotonin-Induced Vasodilatation	
Mylecharane, E.J.	116
Lymphatic Innervation	
McHale, N.G.	127
Vasoactive Peptides and Their Receptors	
Regoli, D.; Dion, S.; Rhaleb, N.-E.; Drapeau, G.; D'Orléans-Juste, P.	137
Physiological Modulation of α -Adrenoceptor and 5HT Receptor Expression in Blood Vessels	
McGrath, J.C.; Dunn, W.R.; Templeton, A.G.B.	146
Receptor Regulation of Atrial Natriuretic Factor	
Chabrier, P.E.; Roubert, P.; Longchamp, M.O.; Plas, P.; Braquet, P.	153
Leukocyte-Dependent and Leukocyte-Independent Mechanisms of Impairment of Endothelium-Mediated Vasodilatation	
Lefer, A.M.; Aoki, N.	162
Voltage-Dependent and Agonist-Activated Ionic Currents in Vascular Endothelial Cells: A Review	
Takeda, K.; Klepper, M.	169
Modulation of the Action of Calcium Antagonists in Arteries	
Godfraind, T.; Morel, N.; Wibo, M.	184

Decreased Activity of the Sodium-Calcium Exchanger in Tail Artery of Stroke-Prone Spontaneously Hypertensive Rats Thompson, L.E.; Rinaldi, G.J.; Bohr, D.F.	197
Resistance Artery Tone Is Influenced Independently by Pressure and by Flow Bevan, J.A.; Garcia-Roldan, J.-L.; Joyce, E.H.	202
The First Robert Furchgott Lecture: From Endothelium-Dependent Relaxation to the L-Arginine:NO Pathway Moncada, S.	208
G-Proteins and Endothelial Responses Flavahan, N.A.; Vanhoutte, P.M.	218
EDRF in Intact Vascular Networks Griffith, T.M.; Edwards, D.H.	230
Endothelium-Derived Hyperpolarizing Factor Komori, K.; Vanhoutte, P.M.	238
Mechanoreception by the Endothelium: Mediators and Mechanisms of Pressure- and Flow-Induced Vascular Responses Rubanyi, G.M.; Freay, A.D.; Kauser, K.; Johns, A.; Harder, D.R.	246
Impaired Dilatation of Cerebral Arterioles in Chronic Hypertension Heistad, D.D.; Mayhan, W.G.; Coyle, P.; Baumbach, G.L.	258
Endothelium-Dependent Relaxations and Chronic Vasospasm after Subarachnoid Hemorrhage Kim, Ph.; Vanhoutte, P.M.	263
Endothelins Änggård, E.E.; Botting, R.M.; Vane, J.R.	269
Molsidomine Reden, J.	282
Nonpeptide Angiotensin II Receptor Antagonists: A Novel Class of Antihypertensive Agents Timmermans, P.B.M.W.M.; Carini, D.J.; Chiu, A.T.; Duncia, J.V.; Price, Jr., W.A.; Wells, G.J.; Wong, P.C.; Wexler, R.R.; Johnson, A.L.	295
Endothelium-Dependent Effects of Beta-Adrenergic Blockers Vanhoutte, P.M.	301
The Potassium Channel Openers: A New Class of Vasorelaxants Weston, A.H.; Longmore, J.; Newgreen, D.T.; Edwards, G.; Bray, K.M.; Duty, S.	306
Mechanism of the Vasodilator Action of Pinacidil Mulvany, M.J.; Videbæk, L.M.; Hughes, A.D.; Aalkjær, C.	314
Scope of Vasodilatory Effects of Calcium Antagonists Fleckenstein-Grün, G.; Fleckenstein, A.	319